



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : James W. Comb

Appln. No. : 10/025,207

Filed : December 18, 2001

Title : LIQUIFIER PUMP CONTROL IN AN  
EXTRUSION APPARATUS

Docket No. : S697.12-0059

Group Art Unit: 1732

Examiner:

**PRELIMINARY AMENDMENT**

Box Non-Fee Amendment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**SENT VIA EXPRESS MAIL**

Express Mail No.: EL763828852US

Sir:

Prior to an Examiner's first Action in the above-identified application, please enter the following amendments:

IN THE SPECIFICATION

Please replace the paragraph at page 10, lines 9 through 14 with the following paragraph (marked up version attached in Appendix):

A' The flow resistance (R) of an exemplary liquifier 26 may be evaluated experimentally. Experiments performed on a 2 inch long liquifier tube running at a flow rate of  $2000 * 10^{-6}$  cubic inches per second ( $\text{in}^3/\text{sec}$ ) show that 5.5 pounds-force (lbf) of filament force are required to maintain that flow rate. This situation yields a feed pressure of 1430 psi for 0.070 inch diameter filament. As a result, the resistance of the system may be calculated as follows:

REMARKS

This Preliminary Amendment is submitted for entry in the above-identified application prior to an Examiner undertaking a first Action in connection therewith. The Amendment is made to correct a typographical error in the specification.